Polaroid

izone™ SERIES

FUN

SIMPLE

AFFORDABLE

a932

Digital Camera

U S E R ' S M A N U A L

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

Note

This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Use of shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Notice

If static electricity or electromagnetism causes data transfer to discontinue midway (fail), restart the application or disconnect and connect the communication cable (USB, etc.) Again.

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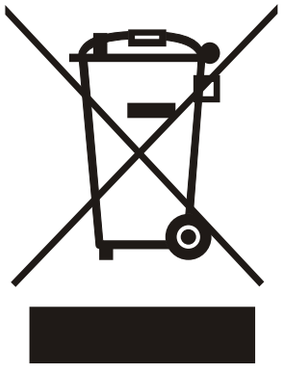

This product contains electrical or electronic materials. The presence of these materials may, if not disposed of properly, have potential adverse effects on the environment and human health.

Presence of this label on the product means it should not be disposed of as unsorted waste and must be collected separately. As a consumer, you are responsible for ensuring that this product is disposed of properly. To find out how to properly dispose of this product, please go to www.polaroid.com and click on "Company" or call the customer service number for your country listed in the instruction manual.

READ THIS FIRST

Trademark Information

- Microsoft® and Windows® are U.S. registered trademarks of Microsoft Corporation.
- Pentium® is a registered trademark of Intel Corporation.
- Macintosh is a trademark of Apple Inc.
- SD™ is a trademark.
- Other names and products may be trademarks or registered trademarks of their respective owners.

Product Information

- Product design and specifications are subject to change without notice. This includes primary
- product specifications, software, software drivers, and user's manual. This User Manual is a general reference guide for the product.
- The product and accessories that come with your camera may be different from those described in this manual. This is due to the fact that different retailers often specify slightly different product inclusions and accessories to suit their market requirements, customer demographics, and geographical preferences.
  Products very often vary between retailers especially with accessories such as batteries, chargers,memory cards, cables, pouches, and language support. Occasionally a retailer will specify a unique product color, appearance, and internal memory capacity. Contact your dealer for precise product definition and included accessories.
- The illustrations in this manual are for the purpose of explanation and may differ from the actual design of your camera.
- The manufacturer assumes no liability for any errors or discrepancies in this user manual.

SAFETY INSTRUCTIONS

Read and understand all **Warnings** and **Cautions** before using this product. Warnings

If foreign objects or water have entered the camera, turn the power off and remove the batteries.
Continued use may cause an injury. Please call our friendly customer service for assistance.

If the camera has been dropped or its case has been damaged, turn the power off and remove the batteries.
Continued use may cause an injury. Please call our friendly customer service for assistance.

There is no user serviceable parts; DO NOT DISSASSEMBLE!
For repair, please call our friendly customer service for assistance.

Do not use the camera in areas near water.
Take special care during rain, snow, on the beach, or near the shore. Exposing the camera to these conditions may cause damage to it.

Do not place the camera on unstable surfaces.
This might cause the camera to fall or tilt over, causing damage.

Keep the batteries out of the reach of children.
Batteries should only be replaced by an adult. Children must be supervised by an adult when they are replacing the batteries.

Do not use the camera while you are walking, driving or riding a motorcycle.
This might cause personal injury or result in traffic accident.

Cautions

Load the batteries paying careful attention to the polarity (+ or -) of the terminals.
Loading the batteries with their polarities inverted might cause fire and injury, or damage to the surrounding areas due to the battery rupturing or leaking.

Do not fire the flash close to anyone's eyes.
This might cause damage to the person's eyesight.

Do not subject the LCD monitor to impact.
This might damage the glass on the screen or cause the internal fluid to leak. If the internal fluid enters or contacts your eyes, rinse with fresh water.
If the fluid contacts you clothing rinse with water and seek medical attention immediately.

A camera is a precision instrument. Do not drop, strike, or use excessive force when handling the camera.
This might cause damage to the camera.

Do not use the camera in humid, steamy, smoky, or dusty places.
This might cause fire or electric shock.

Do not remove the batteries immediately after a long period of continuous use.
The batteries may become warm and possibly cause an injury.

Do not wrap the camera or place it in cloth or blankets.
This might cause heat to build up and deform the case. Use the camera in a well-ventilated place.

Do not leave the camera in places where the temperature may rise significantly, such as inside a car.
This might adversely affect the case or the parts inside.

Before you move the camera, disconnect cords and cables.
Failure to do this might damage cords and cables.

Using Your Batteries

Our laboratory testing has shown that our digital camera models comply with industry standard battery consumption levels (Camera & Imaging Products Association commonly known as CIPA). All digital cameras are high drain products. For the best performance and prolonged battery life, we recommend the use of high capacity batteries designed for such applications.

Here are some helpful hints to extend battery life considerably by limiting the following activities:

- Reviewing the pictures on the LCD Screen
- Using the optical viewfinder (if your camera has one) to frame the subject when taking pictures
- Excessive use of the flash
- Remove batteries from your camera when not in use.

WARNING!

- Batteries should be replaced by an adult.
- Use recommended or equivalent type of batteries only.
- Insert the batteries in the correct orientation.
- Remove exhausted batteries from the camera immediately.
- Do not short the supply terminals.
- Please dispose of the batteries properly.

These instructions should be retained for future reference.

Questions?

Call our toll-free customer service number. Look for the insert with this icon:
Or visit www.polaroid.com.

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INTRODUCTION

Overview

Congratulations on your purchase of your new Polaroid digital camera.
Capturing high-quality digital images is fast and easy with this state-of-the-art smart camera.
Equipped with a 9.0-megapixel sensor, this camera is capable of capturing images with a resolution of up to 2560 x 1920 pixels.

Package Contents

Carefully unpack your camera and ensure that you have the following items:

Common Product Components:

- Digital Camera
- Software CD-ROM
- USB cable
- 2 x AA size batteries

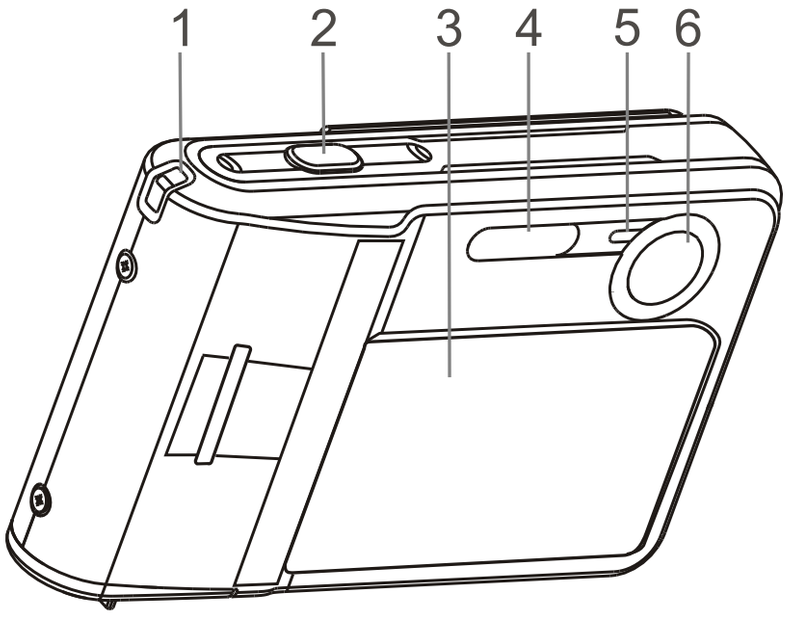
Common (Optional) Accessories:

- SD/SDHC memory card (We recommend the use of a Polaroid memory card up to 2GB SD and 8GB SDHC.)

- Accessories and components may vary by retailer.

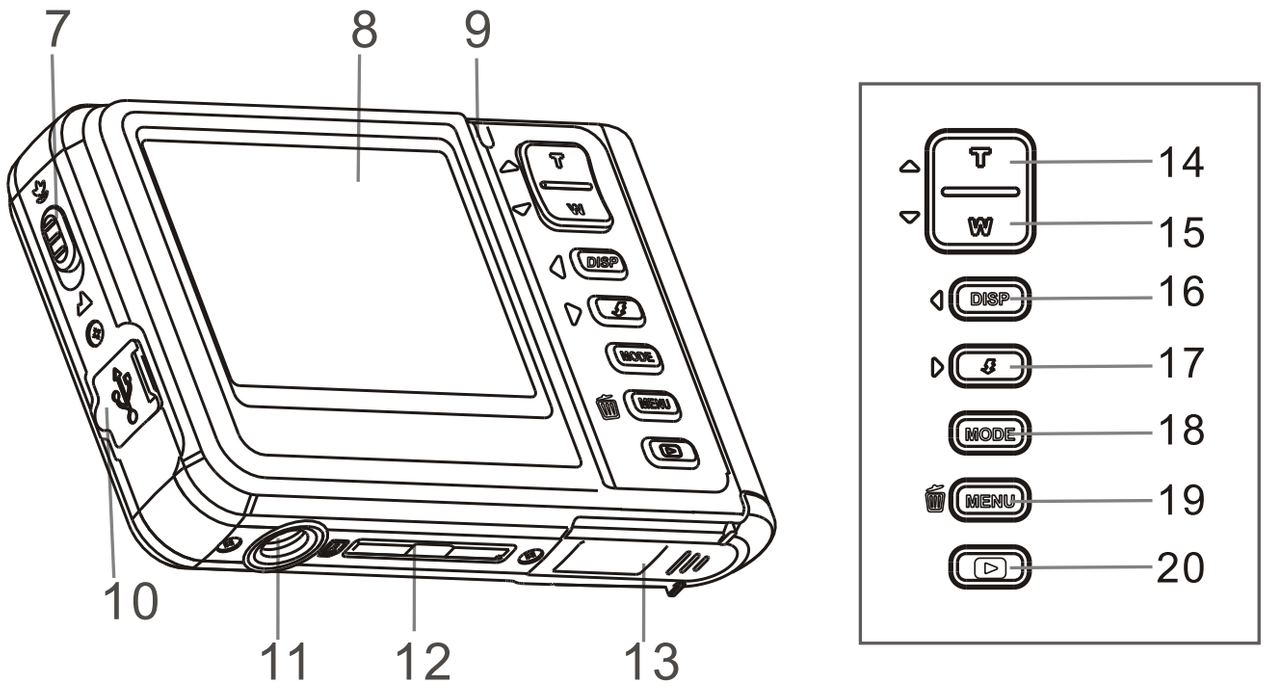
GETTING TO KNOW YOUR CAMERA

Front View



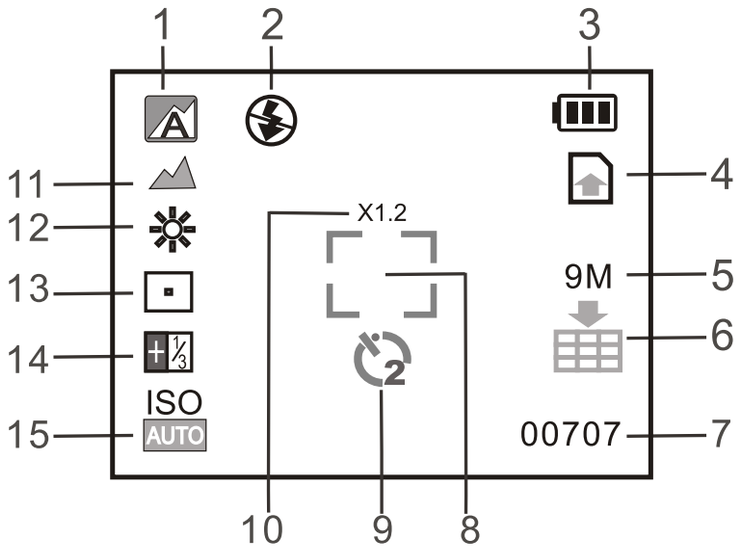
1. Hand strap retainer
2. Shutter /OK
3. Lens Cover/Power Slide
4. Flash
5. Self-timer indicator
6. Taking lens

Rear View



7. Focus switch
   - Normal mode
   - Macro mode
8. LCD Display
9. LED indicator
10. USB interface
11. Tripod socket
12. SD card slot
13. Battery door
14. Up & zoom in button
15. Down & zoom out button
16. Left & Display button
17. Right / flash light button
18. Mode
19. Menu / Delete
20. Playback button

LCD Display Icons



1.Mode indicator
- [ ] Auto Mode
- [ ] Sports Mode
- [ ] Night Scene
- [ ] Portrait Mode
- [ ] Landscape Mode
- [ ] Backlight Mode

2.Flash mode
- [A] Auto
- [ ] Always On
- [ ] Off

3.Battery Power Level
- [ ] Full
- [ ] Medium
- [ ] Low
- [ ] None

4.Storage media
- [INT] Internal memory (no card)
- [ ] SD/SDHC memory card

5.Image size resolution
- [**12m**]4032x3024 (FW interpolation)
- [**9m**]3472 x 2604
- [**5m**]2560 x 1920
- [**3m**]2048 x 1536
- [**1.3m**]1280 x 960
- [**VGA**]640 x 480

6.Image quality
- [ ] Super Fine
- [ ] Fine
- [ ] Normal

7.Remaining number of shots

8.Main focus area

9.Self-timer icon
- [10s] 10S Timer.
- [2s] 2S Timer.

10.Zoom indicator

11.Focus setting
- [ ] Normal
- [ ] Macro

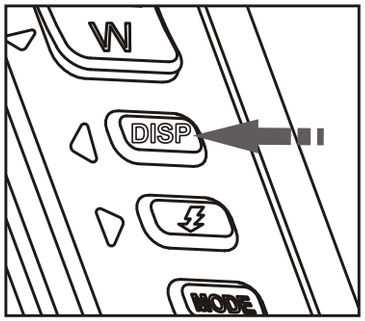
12.White Balance
- [Blank] Auto
- [ ] Daylight
- [ ] Cloudy
- [ ] Tungsten
- [ ] Fluorescent

13. Metering
- [ ] Average
- [ ] Spot

14. [EV] Exposure compensation

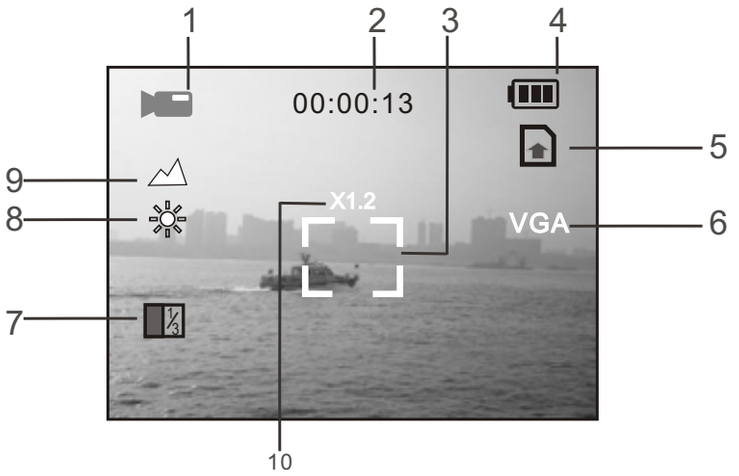
15. ISO
- [ISO AUTO] Auto
- [ISO 50] 50
- [ISO 100] 100
- [ISO 200] 200
- [ISO 400] 400

To remove the icons for a clear view of your LCD display, press the **DISP** button.



Video mode [ ]

1. Video indicator icon
2. Remaining recording time
3. Main focus area
4. Battery level
5. Storage media
6. Video resolution
7. Exposure compensation
8. White Balance
9. Focus setting
10. Zoom indicator

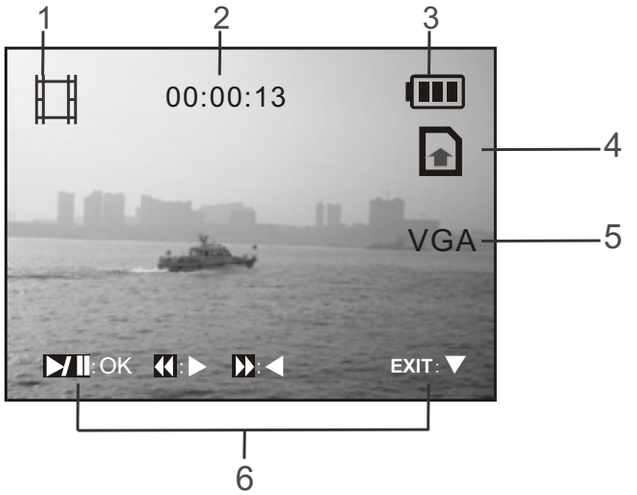


Playback mode [ ]
Still image playback

1. Playback indicator
2. Battery level
3. Storage media
4. File number
5. Date / Time

Playback mode [ ]
Video playback

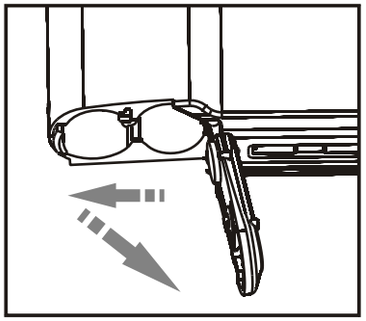
1. Playback indicator
2. Total recorded time
3. Battery level
4. Storage media
5. Video resolution
6. Playback indicator



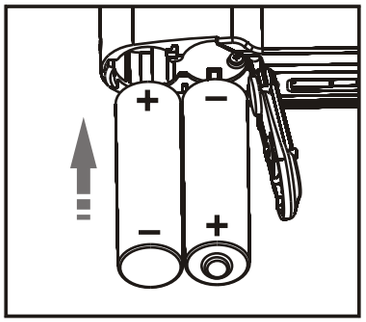
GETTING STARTED

Preparation

1. Open the battery door.

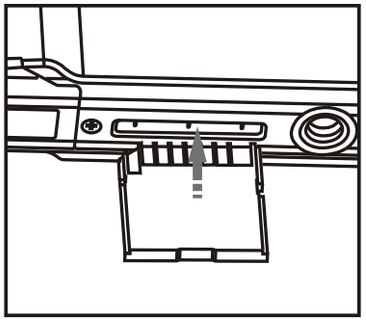


2. Load the batteries with correct orientation as shown.
3. Close the battery door and make sure it is locked securely.

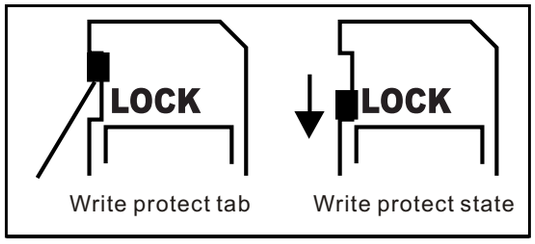


4. Insert a SD/SDHC memory card (Optional)

- The camera has 16MB internal memory, but you can use an SD/SDHC memory card (up to 2GB for SD and up to 8 GB for SDHC) to expand the camera's memory capacity (We recommend the use of a Polaroid SD - not included).
- Be sure to format the memory card with this camera before its initial usage.

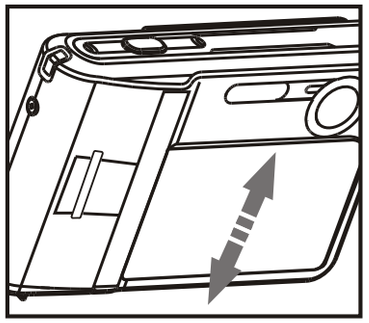


- To prevent valuable data from being accidentally erased from an SD/SDHC memory card, you can slide the write protect tab (on the side of the SD/ SDHC memory card) to “lock”.
- To save, edit, or erase data on an SD/SDHC memory card, you must unlock the card.
- To prevent damaging of an SD/SDHC memory card, be sure to turn off the power when inserting or removing the SD/SDHC memory card. If inserting or removing the SD/SDHC memory card with the power on, the camera will automatically turn off.



Turning the Power On/Off

- Press the **Lens Cover/Power Slide** once to turns on.
- To turn the power off, press the **Lens Cover/Power Slide** Once to turns off.



- To extend battery life, the power is turned off automatically when the camera has not been operated for a fixed period of time. To resume the operation condition, turn the power on again. Refer to section in this manual titled “Auto Off” in the Setup Menu for further details.

LED Indicators

Indicators	State	Description/Activity
LED indicator	Blinking red	Reading/Writing files.
LED indicator	Blinking red	Charging the flash.
Self-timer indicator	Blinking red	The self-timer function is activated.

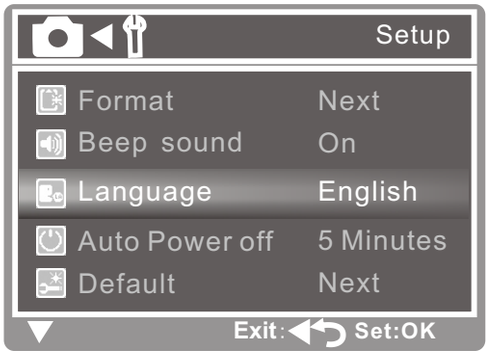
Questions?

Call our toll-free customer service number. Look for the insert with this icon:
Or visit www.polaroid.com.

Choosing the Language

Specify which language the menus and messages are to be shown on the LCD display.

1. Press the MENU button.
2. Select [Setup] menu with the ▶ button.
3. Select [Language] with the▲/▼ buttons, and press the SHUTTER button.
   The Language setting screen will be displayed.
4. Select the display language with the ▲ / ▼buttons, and press the SHUTTER button.
   The setting will be stored.

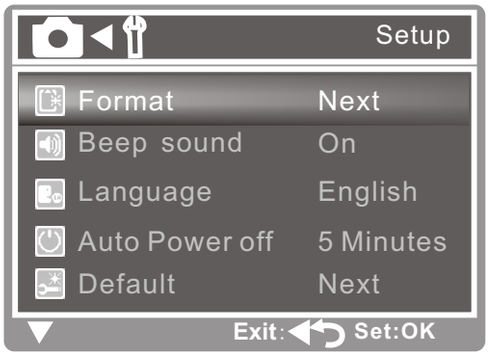


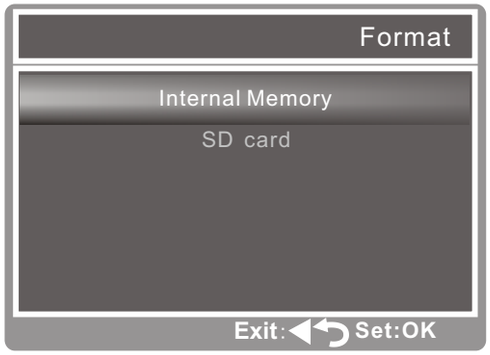
To exit from any menu selection, press the ◀ button.

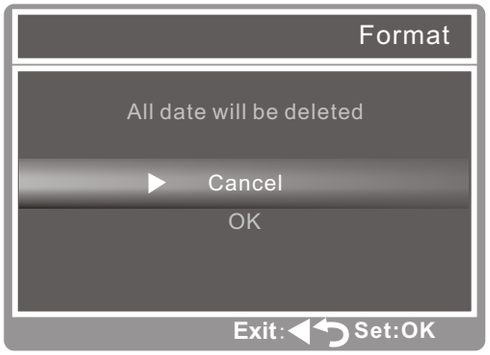
Formatting the Memory Card or Internal Memory

This utility formats the internal memory (or memory card) and erases all stored images and data.

1. Press the MENU button.
2. Select [Setup] menu with the ▶ button.
3. Select [Format] with the ▼ buttons, and press the SHUTTER button.
4. Select Internal Memory or SD card with the ▲ / ▼ buttons, and press the SHUTTER button.
5. Select [OK] with the ▲ / ▼ buttons, and press the SHUTTER button.
   To cancel formatting, select [Cancel] and press the SHUTTER button.



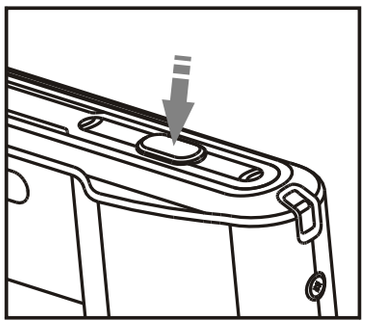




CAPTURE MODE

Capturing Images

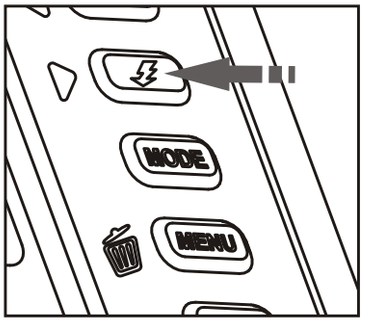
Your camera is equipped with a 2.4" full color LTPS-TFT LCD display to help you compose images, playback recorded images/video clips or adjust menu settings.



1. Press the Power button to turn the power on.
2. Compose your image on the LCD display so that the main subject is within the focus frame.
   Pressing the ▲ **T** button zooms in on the subject, and Enlarges the subject on the LCD display.
3. Press the SHUTTER button to capture your image.

Using the Flash

The flash is designed to function automatically when lighting conditions permit the use of flash. The camera has 3 flash modes: Off, Auto, and Always On. You can take an image using a desired flash mode to suit your circumstances. The flash's effective range is 35.4” ~ 59.1”(0.9m~1.5m) (in Normal mode).



The flash function is disabled if the camera is set to Macro mode.

1. Press the Power button to turn the power on.
2. Toggle ⚡ until your desired flash mode appears on the LCD monitor.
3. Compose your scene and press the SHUTTER button to capture the image.

The table below will help you to choose the appropriate flash mode:

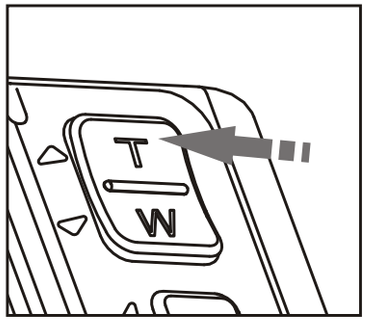
Flash mode	Description
Off	Use this mode in an environment that flash use is prohibited or the distance to the subject is too far away for the flash to have any effect.
A Auto	The flash fires automatically according to suit the photographic conditions.
Always On	The flash will always fire regardless of the surrounding brightness. Select this mode for recording images with high contrast (backlighting) and deep shadows.

Using the Zoom Function

This camera is equipped with 8x digital zoom. You can enlarge the subjects by pressing the ▲ / ▼ button.

A useful feature as it is, however, the more the image is magnified, the grainer the image may become.

To capture a zoomed image, perform the following steps:



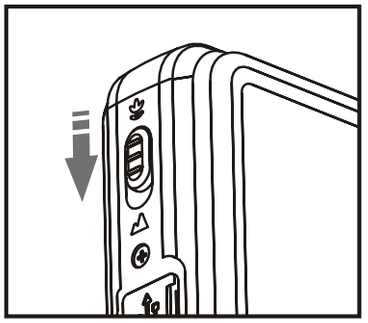
1. Press the Power button to turn the power on.
2. To activate the digital zoom, press the▲ / ▼ button.
   The status of digital magnification is shown on the LCD display.
3. Compose your scene and press the **SHUTTER** button to capture the image.

The digital magnification ranges from 1.0x to 8.0x.

Image color noise (grain) may occur in the recorded image when using the digital zoom feature.

Setting Focus

Images can be captured by sliding the focus switch to set the desired mode: [ ] macro or [ ] normal mode. The focus range of macro mode is 4.3”~7.0”(11cm ~ 18cm); normal mode is 20” ~ Infinity (0.5m ~ Infinity).



1. Turn the power on.
2. Slide the focus switch to your desired focus mode.
3. Compose your scene and press the **SHUTTER** button.

Warning! : Your image(s) will be unsharp if you are not within the macro focus range.

The table below will help you choose the appropriate focus mode:

Focus mode	Description
Normal	This mode is suitable for scenery and portrait shooting.
Macro	Select macro to capture close-up images. When the lens is zoomed to its widest position you may focus objects as close as 11cm(4.3”).

If the camera is set to Macro mode, the flash function is disabled.

Setting the Scene Mode

You can select the scene mode according to image your wish to capture. There are 6 available modes in this scene mode.

[ ] Auto: Select this mode for most picture taking situations.

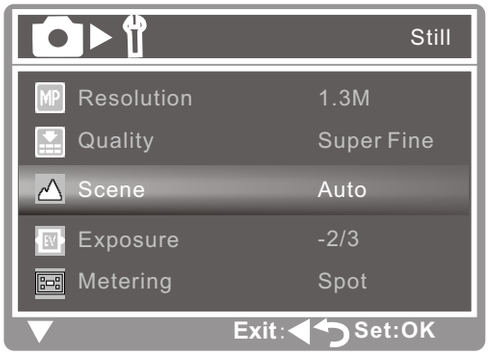
[ ] Sports: Select this mode when you want to Photographs of fast-moving subjects.

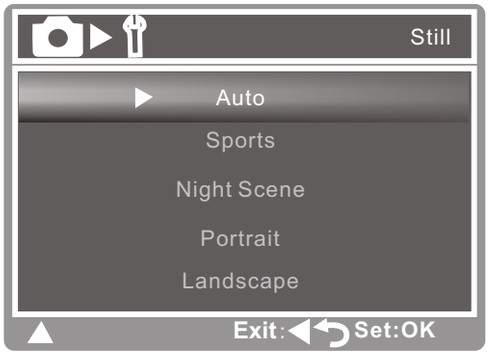
[ ] Night: Select this mode when you want to capture dark scenes such as night Scenes.

[ ] Portrait: Select this mode when you want to capture an image that makes the person stand out against a defocused (blurred) background.

[ ] Landscape: Select this mode to capture an image with infinity focus, hard sharpness and high saturation.

1. Press the MENU button.
   The [Still] menu is displayed.
2. Select [Scene] with the ▲ / ▼ buttons, then press the SHUTTER button.
3. Select the desired scene mode with the▲ / ▼buttons, then press the SHUTTER button.
4. To exit from the menu, press the◄ button.

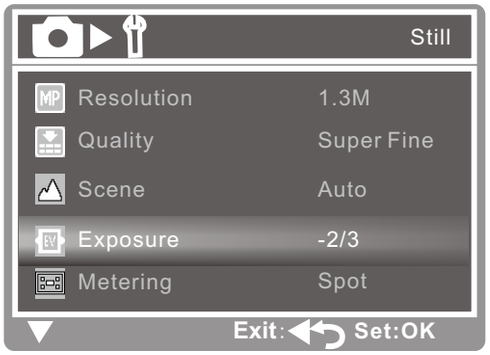


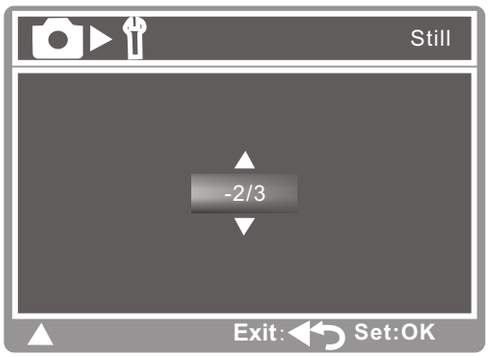


Adjusting the Exposure (EV Compensation)

You can manually adjust the exposure determined by the digital camera. Use this mode when the proper exposure cannot be obtained, for example, when the contrast (different between light and dark) between the subject and the background is extremely large.
The EV compensation value can be set in the range from-2.0EV to +2.0EV.

1. Press the **MENU** button.
   The [Still] or [Video] menu is displayed.
2. Select [Exposure] with the ▲/▼buttons,then press the **SHUTTER** button.
3. Use ▲or▼ to set the range of EV compensation value from -2.0EV to +2.0EV, then press the **SHUTTER** button.
4. To exit from the menu, press the ◄ button.





Effective Subjects and Set Values

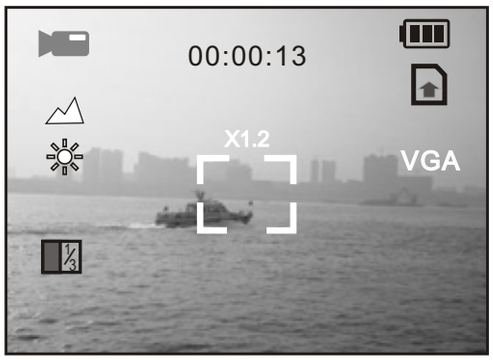
+ (positive) compensation	-(negative) compensation	Backlight correction (+0.3 EV, fixed)
* Printed matter with black text on white paper. * Back lit scene . * Bright scenes or strong reflected light such as ski slopes or beach scenes. * When the sky accounts for a large area on the screen.	* People illuminated by a spotlight, in particular, against dark background. * Printed matter with white text on black paper. * Weak reflecting bodies such as trees or dark leaves	* When the background is bright and the subject is dark. * When subjects (people) have a light source such as the sun to their backs.

VIDEO MODE

Recording Video Clips

This mode allows you to record video clips at a resolutions of VGA (640 x 480) / QVGA (320 x 240) pixels.

1. Press the MODE button to set the camera to [ ].
2. Compose your image.
3. Press the **SHUTTER** button.
   The recording of the video clip will start.
   Pressing the shutter button one more time will end the recording of the video clip.
   The recording time depends on the storage size and the subject of the image to be recorded.



When recording a video clip, the flash cannot be used.
If the write speed of your SD/SDHC memory card is not fast enough for recording video clips in the currently selected size, the video recording will stop. In this case, select a video size lower than the current one.
The maximum recordable time for one continuous video clip is 00:59:59.

Playing Back Video Clips

You can play back recorded video clips on the camera.

1. Press the [▶] button
   - ■ The last image appears on the screen.
2. Select the desired video clip with the ◀/▶ buttons.
3. Press the SHUTTER button to start video playback.
   - ■ Press the ◀/▶ buttons during playback allows fast forward play / fast reverse play.
   - ■ To stop video playback, press the ▼ button. This stops playback and returns to the start of the video clip.
   - ■ To pause video playback, press the SHUTTER button. This pauses video playback.
   - ■ To cancel pause, press the SHUTTER button again.

Video clips cannot be displayed rotated or enlarged.
This camera does not have a built-in speaker so that you can not play back sound with the Camera. The sound recorded with video clips can only be played back on computers.
QuickTime basic player is available free of charge, compatible with Mac and Windows-computers and can be downloaded from the Apple web site at www.apple.com. For help using QuickTime Player usage, please refer to the QuickTime on-line help for more information.

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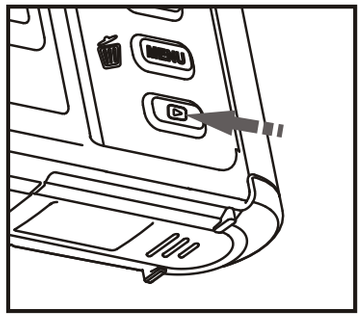
PLAYBACK MODE

Playing Back Still Images



You can play back the still images on the LCD display.

1. Press the [▶] button.
   The last image appears on the screen.
2. The images can be displayed in reverse or forward sequence with the ◄ / ► buttons.
   To view the previous image, press the ◄ button.
   To view the next image, press the ► button.
3. Press the ▲ / ▼ button to adjust the zoom.
   The magnification value is displayed on the LCD display.
4. To view different portion of your image, Press SHUTTER once and press the ▲ / ▼ / ◄ / ► button to adjust the display area.
5. Press the SHUTTER button again to return the normal playback view of the last image.

An [ ] icon is displayed with the video data.
The magnification factors range from 1x to 4x (within 4 stages: 1.0x, 2.0x, 3.0x, and 4.0x).

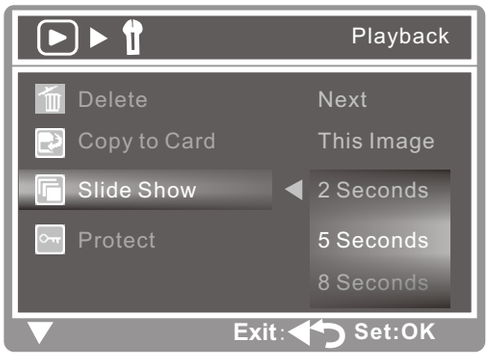
Thumbnail Display

This function allows you to view 9 thumbnail images on the LCD display simultaneously so you may search for a particular image.

1. Press the[▶] button.
   - ■ The last recorded image appears on the LCD display.
2. Press the ▼ W button.
   - ■ Nine thumbnail images are displayed.
   - ■ For recorded video clips, the video playback mode icon [🎞] will be displayed.
3. Use the ▲/ ▼/◄ / ►button to move the cursor to select the image to be displayed at regular size.
4. Press the SHUTTER button to fully display the selected image On the LCD display.

Slideshow Display

The slideshow function enables you to playback your still images automatically in order one image at a time.



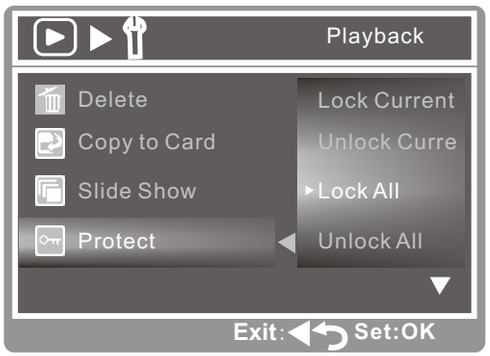
1. Press the[▶] button.
2. Press the MENU button.
   - ■ The playback menu is displayed.
3. Select [Slide Show] with the ▲ / ▼ buttons, then press the SHUTTER button.
4. Select the desired interval time with the▲ /▼ buttons, and press the SHUTTER button.
   - ■ The slideshow starts.
5. To stop the slide show during playback, press the SHUTTER button.
   - ■ The image is displayed on screen when you press the SHUTTER button.

The Auto Off function does not operate during slide show.
All still images in the folder are automatically played back.
Video files are displayed first frame image, and they are not played back.

Protecting Images

Set the data to read-only to prevent images from being erased by mistake.

1. Press the [▶] button
2. Select the image in the nine thumbnail that you want to protect with the ▲ / ▼ / ◄ / ► .
3. Press the MENU button.
4. Select [Protect] with the ▲ /▼ buttons, and press the SHUTTER button.
5. Select [Lock Current] / [Lock all] / with the ▲ /▼ buttons, and press the SHUTTER button.
   [Current]: Protects the selected image.
   [All]: Protects all of the images.
6. The protect icon [🔑] is displayed with protected images.
   When [All] has been selected, [🔑] is displayed with All the images.



Canceling the Protection

To cancel protection for only one image, display the image on which you want to remove the image protection.

1. Select [Protect] with the ▲/▼buttons from the playback menu, and press the SHUTTER button.
2. Select [Unlock Current] / [Unlock All] with the ▲/▼buttons, and press the SHUTTER button.
   [Current]: Unlock the selected image.
   [All]: Unlock all of the image.

Formatting an SD/SDHC memory card or internal memory overrides protection, and erases all images regardless of their protected status.

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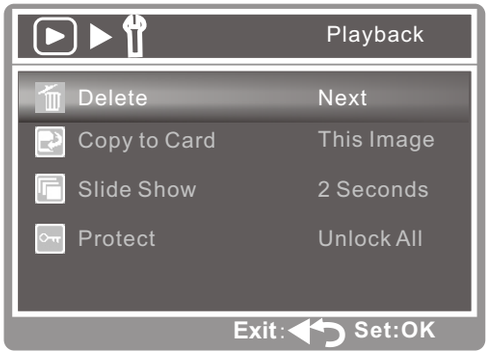
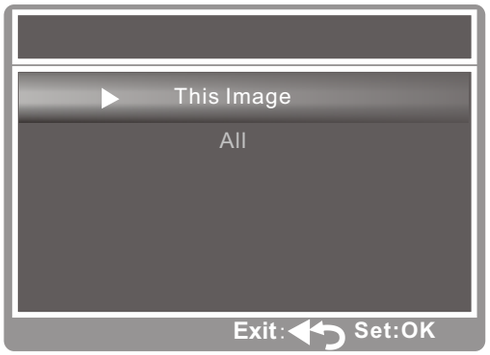
Erasing Images

Erasing a single image / Erasing all images



1. Press the [▶] button.
   The last image will be displayed on the screen.
2. Press the MENU button, Select [Delete] with the ▲/▼ buttons and press the SHUTTER button.
3. Select [This Image] or [All] with the ▲/▼ buttons, and press the SHUTTER button.
   - ■ [This Image]: Erases the selected image .
   - ■ [All]: Erases all of the images except for the protected images.
4. Select [OK] with the ▲/▼ buttons, and press the SHUTTER button.
   - ■ To not erase, select [Cancel], and press the SHUTTER button.

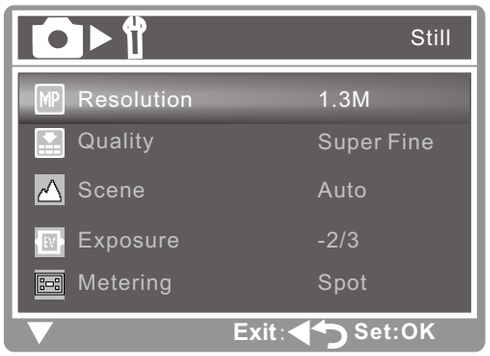


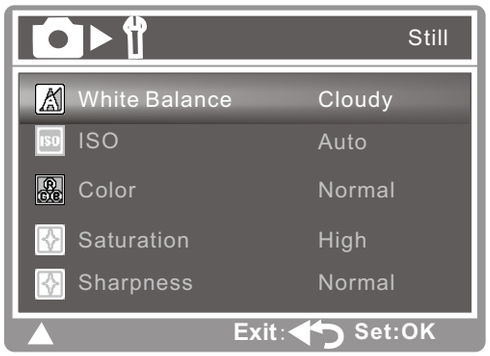
■ Deleting an image will not affect sequential image numbering. For example, if you delete image number 240, the next captured image will be numbered 241 even though 240 no longer exists. In other words, an image-number is retired when an image is deleted and will not be reused or reassigned to another subsequently captured image.

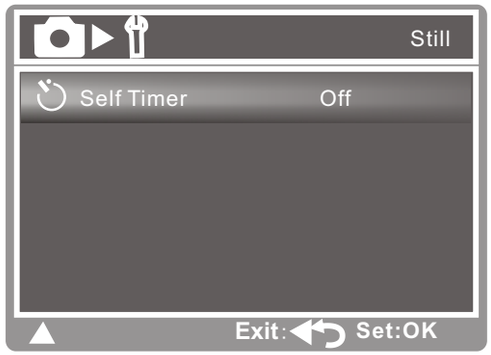
MENU OPTIONS

Capture Menu

This menu is for the basic settings to be used when capturing still images.







1. Press the MODE button to set the camera mode to STILL CAMERA.
2. Press the MENU button.
3. Select the desired option item with the ▲/ ▼ buttons, and press the SHUTTER button to enter its respective menu.
4. Select the desired setting with the ▲ /▼buttons, and press the SHUTTER button.
5. To exit from the menu, press the ◄ button.

Resolution

This sets the size of the image that will be captured.

* [12m] 12M (4032 x 3024 pixels)
* [9m] 9M (3427 x 2604 pixels)
* [5m] 5M (2560 x 1920 pixels)
* [3m] 3M (2048 x 1536 pixels)
* [1.3m] 1.3M (1280 x 960 pixels)
* [VGA] VGA (640 x 480 pixels)

Quality

This sets the quality (compression) at which the image is captured.

* [ ] Super Fine
* [ ] Fine
* [ ] Normal

Scene

Refer to the titled section in this manual.

Exposure
Refer to the titled section in this manual.

Metering
This sets the metering method for calculating the exposure.
* [ ] Center: The entire area of the screen is measured, and the exposure is calculated.
* [ ] Spot: A very small portion of the center of the screen is measured, and the exposure is calculated.

White Balance
This sets the white balance for a variety of lighting conditions.
* [Blank] Auto - Use this setting for most picture taking scenes.
* [ ] Daylight - Use this setting when there is full sun in your scene.
* [ ] Cloudy - Use this setting in cloudy overcast conditions.
* [ ] Tungsten - Use this settings when incandescent/tungsten lights are in your scene.
* [ ] Fluorescent - Use this settings when flourescent lights are in your scene.

ISO
This sets the sensitivity for capturing images. When the sensitivity is raised (and the ISO figure is increased), photography will become possible even in dark locations, but the more pixelated (grainier) the image may appear.
* Auto / 50 / 100 / 200 / 400

Color
This sets the color of the image that will be captured.
* Normal / Sepia / Black & White

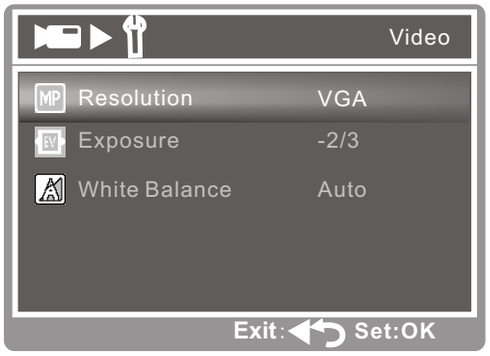
Saturation
This sets the saturation of the image that will be captured.
* High / Normal / Low

Sharpness
This sets the sharpness of the image that will be captured.
* Strong / Normal / Soft

Self-Timer
This sets the self-timer of the image that will be captured.
* Off / 2S Timer / 10S Timer

Video Menu

This menu is for the basic settings to be used when recording video clips.



1. Press the MODE button to set the camera mode to [ ].
2. Press the MENU button.
3. Select the desired option item with the ▲ / ▼ buttons, and press the SHUTTER button to enter its respective menu.
4. Select the desired setting with the ▲ / ▼ buttons, and press the SHUTTER button.
5. To exit from the menu, press the ◄ button.

Resolution

This sets the size of the video clip that will be captured.

* [VGA] 640 x 480
* [QVGA] 320 x 240

Exposure

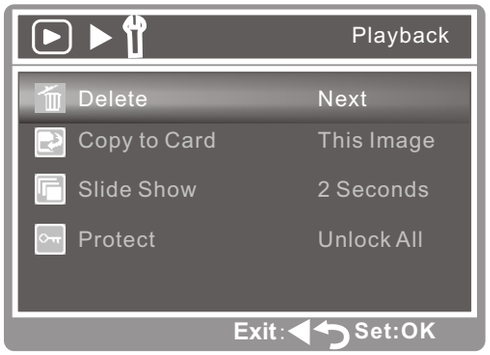
Refer to the titled section in this manual.

White Balance

Refer to section in this manual titled “White Balance” in Capture Menu for further details.

Playback Menu

In the [▶] mode, choose which settings are to be used for playback.



1. Press the [▶] button.
2. Press the MENU button.
3. Select the desired option item with the ▲/▼ buttons, and press the SHUTTER button to enter its respective menu.
4. Select the desired setting with the ▲/▼ buttons, and press the SHUTTER button.
5. To exit from the menu, press the ◄ button.

Delete

Refer to the titled section in this manual.

Copy to Card

Allows you to copy your files from the camera's internal memory to an SD/SDHC memory card. Of course, you can only do this if you have a memory card installed and some files in internal memory.

* This Image / All Image

Slide Show

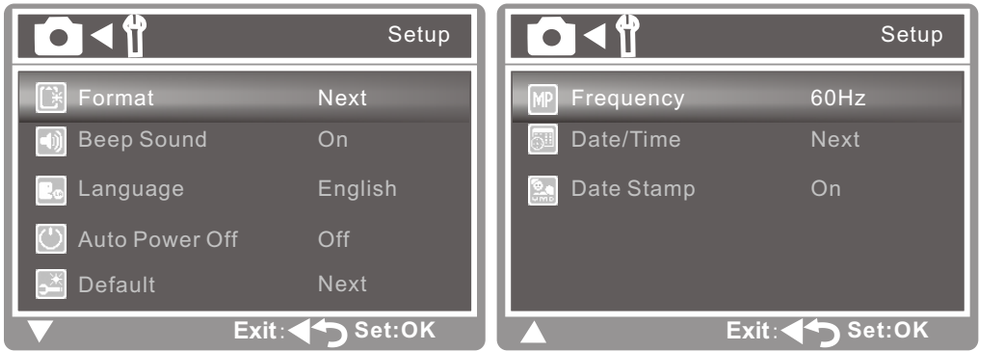
Refer to the titled section in this manual.

Protect

Refer to the titled section in this manual.

Setup Menu

Choose how you want your camera to work:



1. Press the MENU button.
2. Select the [Setup] menu with the ► button.
3. Select the desired option item with the ▲/ ▼ buttons, and press the SHUTTER button to enter its respective menu.
4. Select the desired setting with the ▲ /▼ buttons, and press the SHUTTER button.
5. To exit from the menu, press the◄ button.

Format

Refer to section in this manual titled “Formatting the Memory Card or Internal Memory” for further details.

Beep Sound

This sets whether or not to mute the camera sound each time you press the camera's buttons.

* On / Off

Language

Refer to section in this manual titled “Choosing the Language” for further details.

Auto Power Off

If no operation is performed for a specific period of time, the power to the camera is automatically turned off. This feature is useful for reducing battery consumption.

* 1 Minute / 3Minutes / 5Minutes / Off

Default
This returns all basic settings to the camera's default settings.
* Cancel / OK

Frequency
The function allows to change the light frequency of environment to 60Hz or 50Hz.
* [60Hz]: The light frequency of environment is 60Hz like the US.
* [50Hz]: The light frequency of environment is 50Hz like the UK.

Date / Time
Date and Time setting.
* YY / MM / DD & DD / MM / YY & MM / DD / YY

Date Stamp
Show the date and time on the picture.
* On / Off

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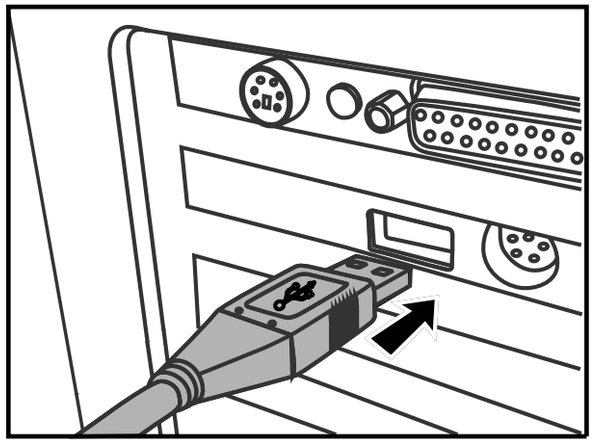
TRANSFERRING FILES TO YOUR COMPUTER

Minimum System Requirements

Windows	Macintosh
OS: Windows 98se/Me/2000/XP/Vista Processor: Pentium III 1G or above Memory: 512MB or above HDD space: 500 MB or above 16 bit color display Microsoft DirectX 9.0C USB port and CD-ROM drive	Power Mac G3 or later Mac OS X 10.3-10.5 Memory: 256MB or above HDD space: 500 MB or above USB port and CD-ROM drive

Downloading Your Files



1. Connect one end of the USB cable to an available USB port on your computer.
2. Connect the other end of the USB cable to the USB terminal on the camera.
3. Select [PC Mode] using the ▲/▼ buttons, and press the SHUTTER button.
4. From the Windows desktop, double click on
5. Look for a new “removable disk” icon.
   This “removable disk” is actually the memory (or memory card) in your camera.
   Typically, the camera will be assigned drive letter “e” or higher.
6. Double click on the removable disk and locate the DCIM folder.
7. Double click on the DCIM folder to open it to find more folders.
   Your recorded images and video clips will be inside these folders.
8. Copy & Paste or Drag-N-Drop image and video files to a folder on your computer.

Mac users: Double-click the “untitled” or “unlabeled” disk drive icon on your desktop. IPhoto may automatically launch.

EDITING SOFTWARE INSTALLATION

ArcSoft MediaImpression™:
Manages your media for you, and gives you tons of fun and exciting ways to create and share projects featuring your photo, video, and music files. Edit, enhance and add creative effects to your photos.
Create your own movies or photo slide shows, complete with soundtrack. Upload your files easily to YouTube™! Or share them through simple email attachments or popular photo printing.

For Windows XP/Vista users, please make sure to install and use the software in “Administrator” mode.
ArcSoft MediaImpression don’t support Windows 98se/Me.

DEFAULT SETTINGS

Resolution	9M
Quality	Super Fine
Scene	Auto
Exposure	+0.0
Metering	Center
White Balance	Auto
ISO	Auto
Color	Normal
Saturation	High
Sharpness	Normal

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SPECIFICATIONS

Item	Description
Image sensor	1/2.3” CMOS sensor
Effective pixels	5.0 Mega pixels
Image resolution	Still image 12M: 3648 x 2736, 9M: 3264 x 2448, 5M: 2560 x 1920, 3M:2048x 1536, 1.3M: 1280 x960, VGA: 640x480 Video clip VGA: 640 x 480 (24 fps), QVGA: 320 x 240 (30 fps)
Recording media	16MB internal memory Supports SD/SDHC memory card (up to 2GB SD and 8GB SDHC.) (optional)
File format	Image format: JPEG; video format: AVI
Lens	F-no.: f 3.0 Focal Length: 6.47 mm (equivalent to 39mm on a 35mm camera)
Focus range	Macro: 4.3”~7.0”(11cm ~ 18cm) Normal:20” ~ infinity (0.5m ~ infinity)
Shutter speed	1 - 1/1000 sec.
LCD monitor	2.4” full color LTPS-TFT LCD (153.6K pixels)
Self-timer	Off,2S Timer,10S Timer
Exposure compensation	-2.0EV~ +2.0EV (in 0.3EV increments)
White balance	Auto, Daylight, Cloudy, Tungsten, Fluorescent
ISO	Auto, 50,100, 200,400
Interface	USB connector
Power	2 x AA size batteries (Alkaline or Ni-MH rechargeable batteries)
Dimensions	Approx. 95 x 62 x 24.2 mm (without protruding parts)
Weight	Approx. 82g (without batteries and memory card)

* Design and specifications are subject to change without notice.

APPENDIX

Possible Number of Shots

¦ Possible number of shots (still image)

The table shows the approximate shots that you can capture at each setting based on the capacity of the internal memory and the SD/SDHC memory card.

Size	Quality		SD/SDHC memory card capacity						
			64M	128M	256M	512M	1GB	2GB	4GB SDHC
12M 4032x3024 (FW interpolation)		Super Fine	34	70	143	290	583	1169	2342
		Fine	41	84	172	348	700	1403	2811
		Normal	45	92	192	387	778	1559	3123
9M 3472x2604 (FW interpolation)		Super Fine	47	95	199	403	810	1620	3250
		Fine	52	106	215	435	890	1800	3610
		Normal	60	122	246	496	1002	2020	4060
5M 2560x1920 (FW interpolation)		Super Fine	33	69	141	284	572	1146	2296
		Fine	68	140	283	570	1145	2294	4594
		Normal	88	180	364	734	1473	2950	5907
3M 2048x1536 (FW interpolation)		Super Fine	47	98	199	401	805	1613	3230
		Fine	87	179	362	730	1464	2933	5874
		Normal	107	219	443	892	1790	3586	7180
1.3M 1280x960 (FW interpolation)		Super Fine	94	194	392	790	1586	3177	6362
		Fine	145	297	601	1210	2426	4860	9731
		Normal	177	361	730	1469	2947	5902	11816
QVGA 640x480 (FW interpolation)		Super Fine	190	389	786	1582	3173	6356	12726
		Fine	261	533	1077	2166	4343	8698	17414
		Normal	301	614	1240	2494	5001	10016	20053

¦ Possible recording time / sec (video clip)

Size	SD/SDHC memory card capacity						
	64M	128M	256M	512M	1GB	2GB	4GB SDHC
VGA 640x480	01:26	02:55	05:53	11:51	23:44	47:33	95:12
QVGA 640x480	01:42	03:28	07:01	14:06	28:16	56:36	113:19

¦ The above data shows the standard testing results. The actual capacity varies according to the shooting conditions and settings.

¦ The maximum recordable time for one continuous video clip is 00:59:59.

Troubleshooting

Refer to the symptoms and solutions listed below before sending the camera for repairs.
If the problem persists, contact Polaroid customer service.

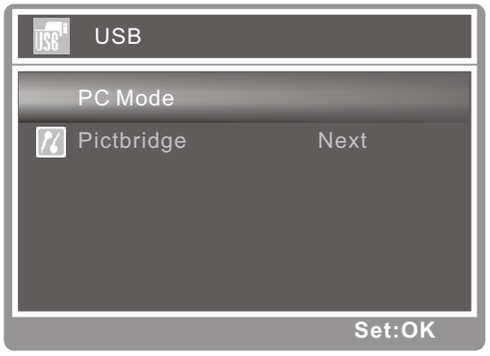
Symptom	Cause	Solutions / Corrective Actions
The power does not come on.	1. The batteries are not loaded. 2. The batteries are depleted.	1. Load the batteries correctly. 2. Replace with a new set of batteries. Please use only Alkaline or Ni-MH rechargeable batteries.
The batteries or camera feels warm.	Long period of continuous use of the camera or the flash.	
The start-up screen blinks after powering up.	The rechargeable batteries have reached the end of their useful life.	Replace with a new set of rechargeable batteries.
Even if I press the shutter button, the camera does not take a picture.	The shutter button is not pressed all the way down.	Press the shutter button all the way down.
	The internal memory or memory card does not have any free capacity.	Insert a new memory card, or delete files.
	The flash is charging.	Wait until the status LED turns red.
	The memory card is write-protected.	Remove the write-protection.
The camera cannot focus or images are fuzzy.	The lens is dirty.	Wipe clean with a soft, dry cloth or lens paper.
	The distance to the subject is smaller than the effective range.	Get your subject within the effective focus range. Make sure the lens setting is in the proper position.
Files cannot be deleted.	The file is protected	Cancel protection.
	The memory card is write-protected	Remove the write-protection.
Cannot download images.	The free space on the hard disk in your computer may be insufficient.	Check whether the hard disk has a space for running Windows, and if the drive for loading image files has a capacity at least that of the memory card inserted in the camera.

Connecting to a PictBridge Compliant Printer

Read this section if the model you purchased is included with the PictBridge functions.
If a printer that supports PictBridge is available, images can be printed by connecting the digital still camera directly to the PictBridge-compatible printer without using a computer.

Connecting the camera to the printer

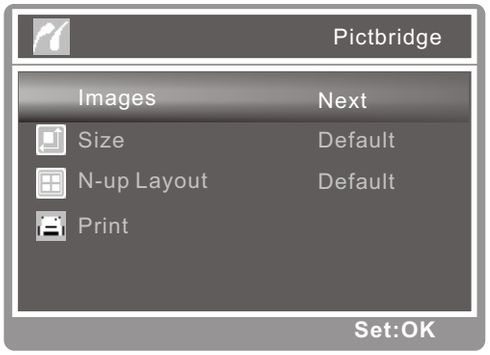
1. Connect one end of the USB cable to your camera.
2. Connect the other end of the USB cable to the USB port on the printer.
3. Select [Pictbridge] with the ▲ / ▼ buttons, and press the SHUTTER button.



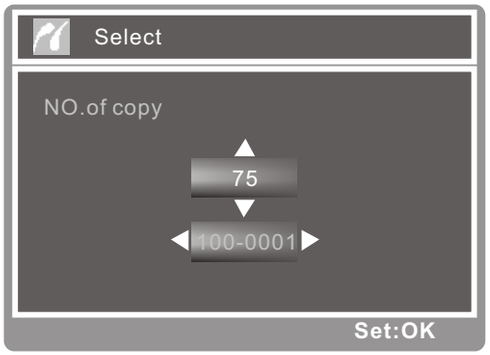
Printing images

When the camera is properly connected to a Pict-Bridge compliant printer and set to [Pictbridge], the Pict-Bridge menu is displayed on the monitor.

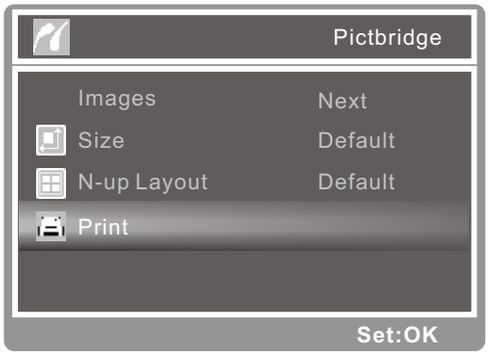
1. Select the item you want to configure with the ▲/▼buttons, and press the SHUTTER button.
   [Images]: Select whether you want to print specific image or all images. You may also select printing number for specific image.
   [Size]: Select the desired paper size according to the printer type.
   [Layout]: Select the desired printing layout according to the printer type.
   [Print]: After all settings are configured, select this item to start printing.
2. After you select [Images] in the previous step, and press the SHUTTER button to enter its respective menu. Select [Select Images], [All Images] with the ▲/▼ buttons, and press the SHUTTER button.
   [Select Images]: Select to print one specific image.
   [All Images]: Select to print all images.



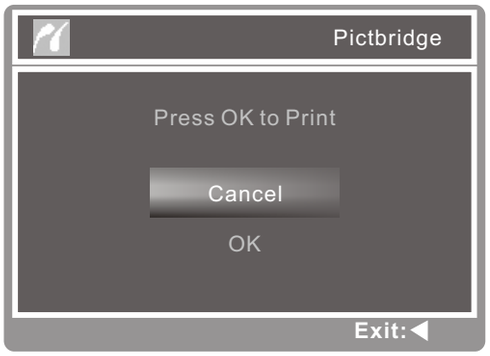
3. If you select [Select Images] in the previous step, and press the SHUTTER button ,the last image appears on the screen . Select the image that you want to print with the ◄ / ► buttons. Select the [Print Num] (up to 99) with the ◄ / ► buttons. After selecting the desired image and printing number, Press the SHUTTER button to confirm. To exit from the menu, press the ◄ button.

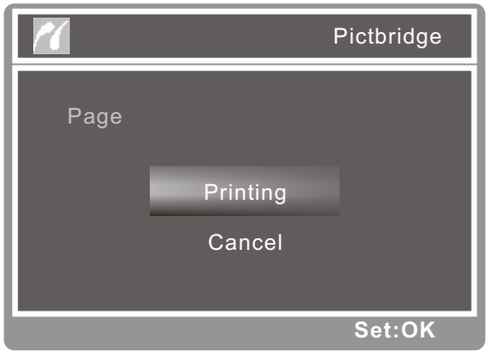


4. Select [Print] with the ◄ / ► buttons, and press the SHUTTER button to start printing.



5. The printing starts. The [COMPLETE] will be displayed temporarily, reminding You that the printing procedure is finished. If a print error is detected, the [PRINTERROR] will be Displayed.





The image printing may be failed if the power to the camera is cut off.
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- **Polaroid Online Services**

Website: http://www.polaroid.com

- **Arcsoft software Help**

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E-mail: support@arcsoftsupport.com
Web: http://www.arcsoft.com/en/support/

For latin America
E-mail: latinsupport@arcsoftsupport.com

For Europe
ArcSoft Europe support Center
(Ireland)
Tel.: +353-(0)61-702087
FAX: +353-(0)61-702001
E-mail: eurosupport@arcsoft.com

For China
ArcSoft China Support Center
(Hangzhou)
Tel.: +86-571-88210575
E-mail:support@arcsoft.com.cn
Web: http://www.arcsoft.com.cn/new/support

For Japan
ArcSoft Japan support Center(Tokyo)
Tel.: +81-3-5795-1392
FAX: +81-3-5795-1397
E-mail:support@arcsoft.jp
Web: http://www.arcsoft.jp

For Taiwan
ArcSoft Taiwan Support Center(Taiwan)
Tel.:+886-(0) 2-2506-9355
Fax: +886-(0) 2-2506-8922
E-mail:support@arcsoft.com.tw
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Part No. :UMA932US001